



Philips Cineos  
Flat TV with Perfect Pixel  
HD Engine and Ambilight  
Surround

47"

LCD integrated digital

**CINEOS**

**47PFL9732D**



# Turn up your viewing experience

with Perfect Pixel HD and Ambilight

Enjoy the ultimate viewing experience of this Philips Cineos Flat TV with Perfect Pixel HD Engine, Ambilight Surround, a Full HD 1080p display and 100 Hz Clear LCD technology. USB and memory card reader give you full multimedia access.

## Immersive viewing experience

- Full HD LCD display, with a 1920 x 1080p resolution
- Integrated Digital Tuner for DVB-T reception
- HD Ready for the highest quality display of HD signals
- Perfect Pixel HD Engine for unrivalled sharpness and clarity
- 100Hz Clear LCD for superb motion sharpness (3ms)
- Ambilight Surround for an immersive viewing experience
- HD Natural Motion for ultra-smooth motion in Full HD movies

## True beauty lies in the details

- Matching design swivel stand

## Perfect picture quality from your digital photos

- USB and Memory Card slot for instantly playing multimedia

## For advanced performance

- 3 HDMI inputs for full digital HD connection in one cable



**PHILIPS**  
sense and simplicity

## Specifications

### Picture/Display

- **Aspect ratio:** 16:9
- **Brightness:** 550 cd/m<sup>2</sup>
- **Contrast ratio (typical):** 1200:1
- **Dynamic screen contrast:** 8000:1
- **Response time (typical):** 3 (BEV equiv.) ms
- **Viewing angle:** 176° (H)/176° (V)
- **Diagonal screen size:** 47 inch / 119 cm
- **Display screen type:** LCD Full HD W-UXGA Act. matrix
- **Panel resolution:** 1920x1080p
- **Colour processing:** 4 trillion colours (14-bit RGB)
- **Picture enhancement:** Perfect Pixel HD Engine, HD Natural Motion, Dynamic contrast enhancement, 1080p 50/60 Hz processing, 1080p 24/25/30 Hz processing, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control + Light sensor, Jagged Line Suppression, Progressive Scan, Pulse Killer Chip, Widescreen Plus, 100Hz Clear LCD, Double frame rate
- **Screen enhancement:** Anti-Reflection coated screen

### Ambilight

- **Ambilight Features:** Ambilight Surround, Auto adaptive to video content, Full operation in stand-by, Efficient low energy lamp
- **Ambilight light system:** LED-wide colour
- **Dimming Function:** Manual and via Light Sensor

### Supported Display Resolution

#### Computer formats

| Resolution   | Refresh rate |
|--------------|--------------|
| 640 x 480    | 60 Hz        |
| 800 x 600    | 60 Hz        |
| 1024 x 768   | 60 Hz        |
| 1280 x 768   | 60 Hz        |
| 1360 x 768   | 60 Hz        |
| 1920 x 1080i | 60 Hz        |
| 1920 x 1080p | 60 Hz        |

#### Video formats

| Resolution | Refresh rate        |
|------------|---------------------|
| 480i       | 60 Hz               |
| 480p       | 60 Hz               |
| 576i       | 50 Hz               |
| 576p       | 50 Hz               |
| 720p       | 50, 60 Hz           |
| 1080i      | 50, 60 Hz           |
| 1080p      | 24 Hz, 25 Hz, 30 Hz |
| 1080p      | 50 Hz, 60 Hz        |

### Sound

- **Output power (RMS):** 2x8W
- **Sound Enhancement:** Digital Signal Processing, Graphic Equalizer, Dynamic Bass Enhancement
- **Sound System:** Virtual Dolby Digital, BBE

### Loudspeakers

- **Built-in speakers:** 4
- **Loudspeaker types:** Integrated woofers with wOOx, Dome tweeter

### Convenience

- **Child Protection:** Child Lock+Parental Control
- **Clock:** Smart Clock
- **Ease of Installation:** Auto Programme Naming, Automatic Channel Install (ACI), Automatic

Tuning System (ATS), Auto store, PLL Digital Tuning, Plug & Play

- **Ease of Use:** 4 favourite lists, Auto Volume Leveller (AVL), Delta Volume per preset, Graphical User Interface, On-Screen Display, Programme List, Settings assistant Wizard, Side Control
- **Electronic Programme Guide:** Now + Next EPG, 8 day Electronic Programme Guide
- **Remote Control:** TV, DVD, HTS (Home Theatre System), STB (Set-Top Box)
- **Remote control type:** RC4422
- **Screen Format Adjustments:** unscaled (1080p dot by dot), 4:3, Auto Format, Movie expand 14:9, Movie expand 16:9, Super Zoom, Widescreen
- **Picture in Picture:** Text dual screen
- **Teletext:** 1200-page Hypertext
- **Teletext enhancements:** Habit Watch, Programme information Line
- **Firmware upgradeable:** Firmware auto upgrade wizard, Firmware upgradeable via USB
- **Multimedia:** Digital media reader (browser), USB autobreak-in

### Multimedia Applications

- **Memory Card Types:** Compact Flash type I, Compact Flash type II, Memory Stick, Micro drive, MultiMedia Card (MMC), Secure Digital Card (SD), Smart Media Card
- **Multimedia connections:** USB, 7-in-1 Memory Card Reader
- **Playback Formats:** MP3, Slideshow files (.alb), JPEG Still pictures

### Tuner/Reception/Transmission

- **Aerial Input:** 75 ohm coaxial (IEC75)
- **TV system:** DVB COFDM 2K/8K
- **Video Playback:** NTSC, SECAM, PAL
- **DVB:** DVB Terrestrial\*
- **Tuner bands:** Hyper band, S channel, UHF, VHF

### Connectivity

- **Ext 1 Scart:** Audio L/R, CVBS in/out, RGB
- **Ext 2 Scart:** Audio L/R, CVBS in/out, RGB
- **Ext 3:** YPbPr, Audio L/R in
- **Ext 4:** HDMI v1.3
- **Ext 5:** HDMI v1.3
- **Ext 6:** HDMI v1.3
- **HDMI features:** Cable equalization, Category I and 2 cables, Compressed audio, Multi-rate pref. format support, PC format support, Resolutions 720p, 1080i, 1080p
- **Front/Side connections:** Audio L/R in, CVBS in, Headphone out, S-video in, USB, Multi-slot memory card reader
- **Other connections:** Analogue audio Left/Right out, S/PDIF out (coaxial), Common Interface

### Power

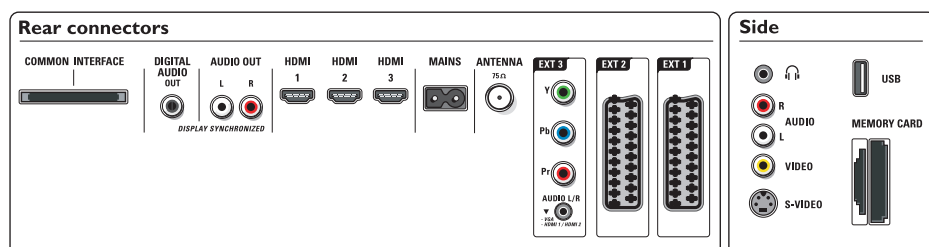
- **Ambient temperature:** 5°C to 35°C
- **Mains power:** AC 220 - 240 V +/- 10%
- **Power consumption:** 275 W
- **Standby power consumption:** 0.8W

### Accessories

- **Included Accessories:** Tabletop swivel stand, RF antenna cable

### Dimensions

- **Colour cabinet:** Brilliant Pearl
- **Set dimensions (W x H x D):** 1170 x 736 x 125 mm
- **Set dimensions with stand (H x D):** 801 x 297 mm
- **Product weight:** 35.4 kg
- **Product weight (+stand):** 40.4 kg
- **Box dimensions (W x H x D):** 1274 x 943 x 331 mm
- **Weight incl. Packaging:** 59 (tbc) kg
- **VESA wall mount compatible:** 600 x 400 mm





## Product highlights

### Full HD LCD display 1920 x 1080p

The Full HD screen has the widescreen resolution of 1920 x 1080p. This is the highest resolution of HD sources for the best possible picture quality. It is fully future-proof as it supports 1080p signals from all sources, including the most recent sources such as Blu-ray and advanced HD game consoles. The signal processing is extensively upgraded to support this much higher signal quality and resolution. It produces brilliant flicker-free progressive scan pictures with superb brightness and colours.

### Integrated Digital DVB-T tuner

The integrated DVB-T tuner lets you receive Digital Terrestrial TV to watch or record. This means you do not need an additional set-top box or additional cables.

### HD Ready

Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV set-top boxes and Blu-ray discs. HD Ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer an HD screen that displays the benefits of resolution and picture quality of a High Definition signal. It has a universal connection for both analogue YPbPr and uncompressed digital connection of DVI or HDMI, supporting HDCP. It can display 720p and 1080i signals at 50 and 60 Hz.

### Perfect Pixel HD Engine

Perfect Pixel HD Engine offers the unique combination of ultimate sharpness, natural detail, vivid colours and smooth natural motion on all qualities of HD, standard TV signals and multimedia content, for high-definition displays. Each pixel of the incoming picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. Artefacts and noise in all sources from multimedia to standard TV and also in highly compressed HD content are detected and reduced, ensuring that the picture is clean and razor sharp.

### 100Hz Clear LCD

100Hz Clear LCD creates extreme motion sharpness for clear and vibrant images even with fast on-screen motion. The Double Frame Rate Insertion works with a high 100Hz refresh rate. It increases the sharpness of motion reproduction to more than twice that of conventional LCD, resulting in a response time of 3 milliseconds (measured in Perceived Blur-Edge-Width; BEW). This unique Philips technology brings motion sharpness of LCD displays to an unprecedented level.

### Ambilight Surround

With lights surrounding the picture, Ambilight 3 makes an impressive contribution to the overall viewing experience with ambient light on 3 sides to complement the colours and light intensity of the image on screen. It creates ambiance, stimulates more relaxed viewing and improves perceived picture detail, contrast and colour. Ambilight 3 automatically and independently adapts the colours of each screen side according to the changing content on the screen. With the 3rd Ambilight the top of the picture is now fully surrounded, completely immersing you into the content.

### Pre-mounted swivel stand

For maximum freedom of placement, this high-quality stand is designed specifically for this TV. The stand comes pre-mounted to the TV out of the box. It allows easy placement of your Flat TV without the hassle of building the stand to the TV first. Enjoy the best viewing angle by swivelling it to suit your personal preference.



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\* DVB-T, supported in selected countries only

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